

DESCRIPTIONS OF NEW SPECIES OF *MELANIA* FROM YUNNAN,
JAVA, AND THE TSUSHIMA ISLANDS.

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MELANIA INTREPIDA, n.sp.

Shell elongately conic, solid, pale yellowish-brown, with one or two oblique brown streaks on the last whorl; spire eroded, $4\frac{1}{2}$ whorls remaining; suture rather deep; first two remaining whorls obliquely ribbed, lower ones with very fine oblique striæ crossed by spirals, which are more conspicuous on the earlier whorls and at base of the



last; aperture sub-oval, bluish-white within; peristome thin, expanded at columellar margin. Alt. 28, diam. maj. 9 mm.

Hab.—Java (Frühstorfer).

This species is of similar form to *M. aretecava*, Mouss., but easily distinguished by its pale colour and smooth appearance.

MELANIA SCRUEPA, n.sp.

Shell elongately conic, rather solid, blackish-brown, apex eroded, nearly four whorls remaining; spire ornamented by raised noded plicæ, crossed by weaker spirals, lower half of last whorl with three



raised spiral cords; aperture oval, bluish-white within, peristome simple. Alt. 21, diam. maj. 9 mm.

Hab.—Yunnan-fu.

Compared with *M. lauta*, Fulton, this species is smaller, thicker, and easily separated by its strongly cancellated sculpture.

MELANIA SCRUPEA, var. *DEBILIS*, n.var.

Compared with typical *scrupea* this variety is somewhat narrower in form, but chiefly characterized by its much weaker sculpture, the



oblique plications and spiral cords being much weaker, characters which are constant in the large number of specimens examined by me.

MELANIA VULTUOSA, n.sp.

Shell ovately conical, smooth, covered by a blackish-brown cuticle which is minutely roughened by erosion; spire eroded, about $4\frac{1}{2}$ whorls remaining; aperture oval, acuminate at upper part, bluish-white, with some streaks of dark brown in the direction of the lines



of growth; peristome simple, very slightly thickened, and edged with black, margins joined with a slightly raised callus; operculum normal. Alt. 16, diam. maj. 8 mm.

Hab.—Yunnan-fu.

The *Planaxis*-like form and absence of sculpture separate this from any other species known to me.

MELANIA TSUSHIMANA, n.sp.

Shell sub-oval, solid, dark brown, spire eroded, leaving three remaining whorls; these are encircled by numerous flat spiral cords that are somewhat obsolete above the suture, but stronger below, and at the base of the last whorl; aperture elongately oval, bluish within;



peristome thin, effuse at base, and slightly expanded at the columellar margin. Alt. 30, diam. maj. 16 mm.

Hab.—Tsushima Islands (Frühstorfer).

Allied to *M. glans*, Busch, but readily separated by its narrower form and spiral sculpture.